

Data File : VV008081.D
Acq On : 05 Oct 2018 00:14
Operator : SY/MD
Sample : J5246-15
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J83

Quant Time: Oct 05 05:59:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:56:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	80322	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17419	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.59	69	16668	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	28019	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	3.98	46	75551	58.33	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.66%
24) Chloroform-d	4.41	84	49237	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	25525	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	90510	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	30413	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	80523	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	9074	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	50125	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23858	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	35338	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

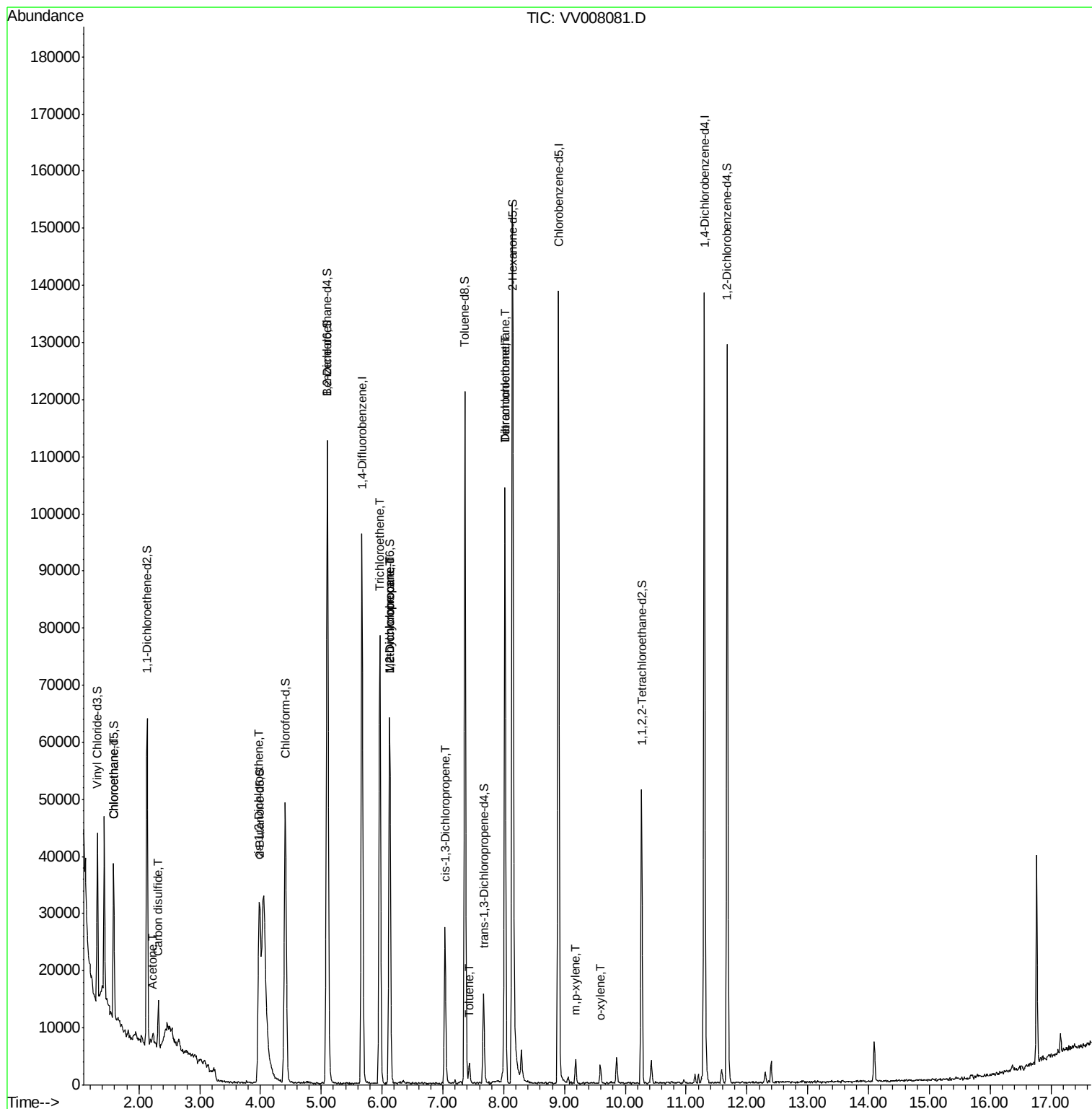
					Qvalue
8) Chloroethane	1.60	64	336	0.087 ug/L #	54
13) Acetone	2.23	43	2866	3.037 ug/L	82
14) Carbon disulfide	2.32	76	9355	0.650 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	1507	0.254 ug/L	90
34) Trichloroethene	5.96	95	25475	4.008 ug/L	94
35) Methylcyclohexane	6.13	83	7137	0.749 ug/L #	20
37) 1,2-Dichloropropane	6.13	63	3330	0.587 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	687	0.091 ug/L #	60
42) Toluene	7.43	91	2585	0.107 ug/L	93
47) Tetrachloroethene	8.02	164	24816	4.214 ug/L	96
49) Dibromochloromethane	8.02	129	20774	4.447 ug/L #	12
53) m,p-xylene	9.19	106	1260	0.123 ug/L	90
54) o-xylene	9.59	106	879	0.089 ug/L	99

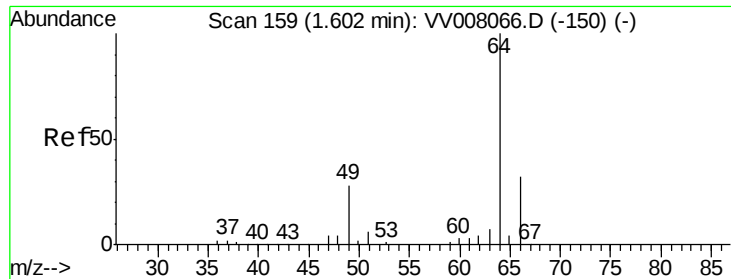
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:56:33 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.01 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampled :

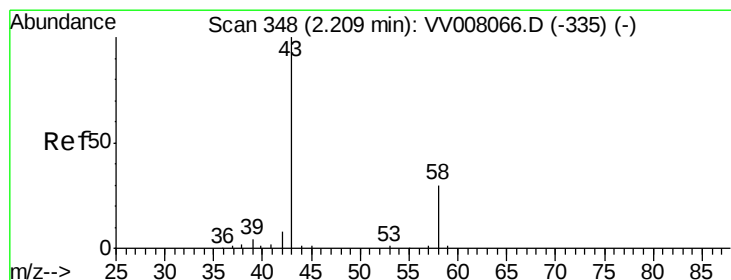
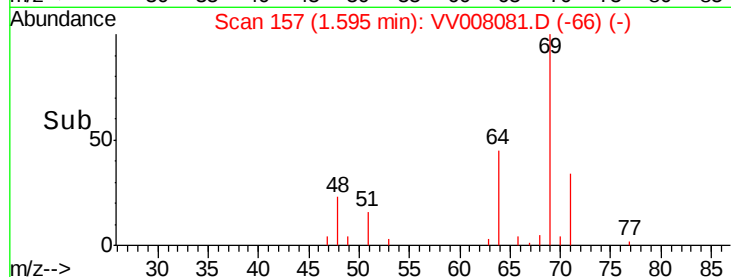
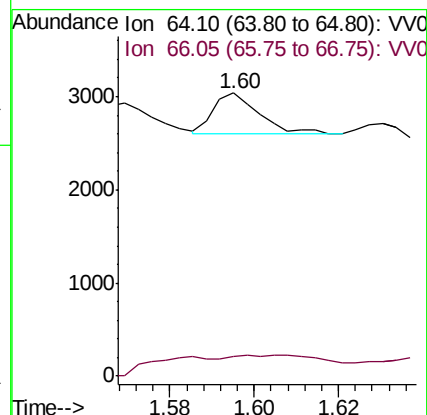
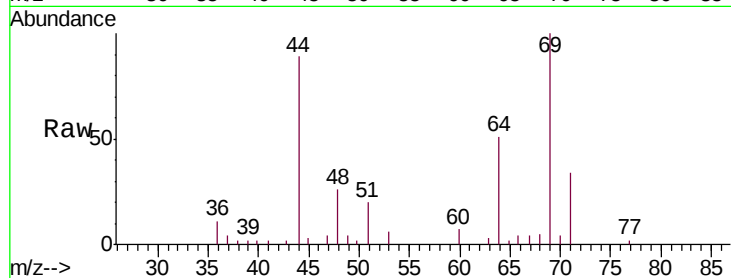
C0J83

Tgt Ion: 64 Resp: 336

Ion Ratio Lower Upper

64 100

66 7.1 23.1 42.9#



#13

Acetone

Concen: 3.037 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.02 min

Lab File: VV008081.D

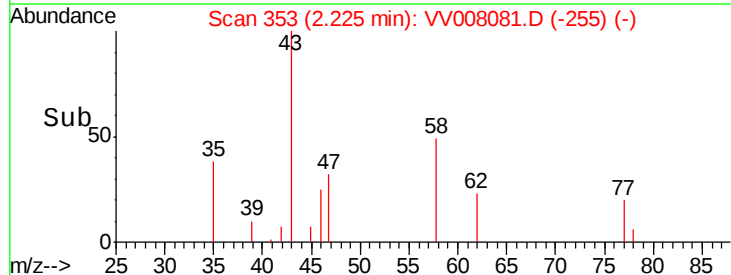
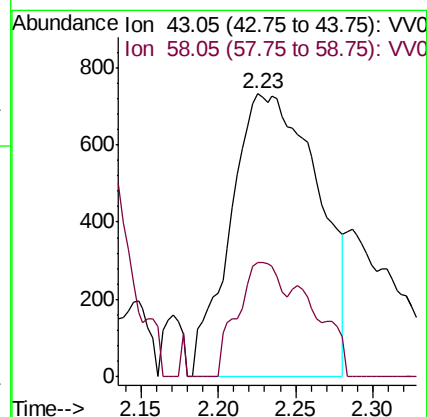
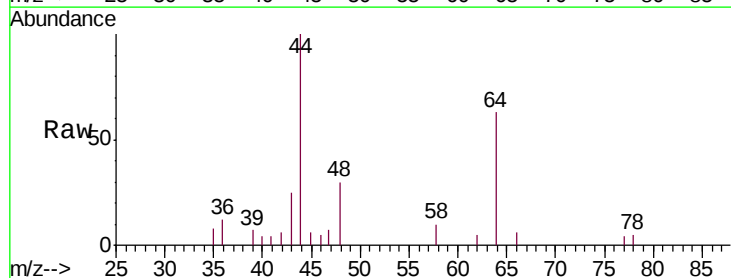
Acq: 05 Oct 2018 00:14

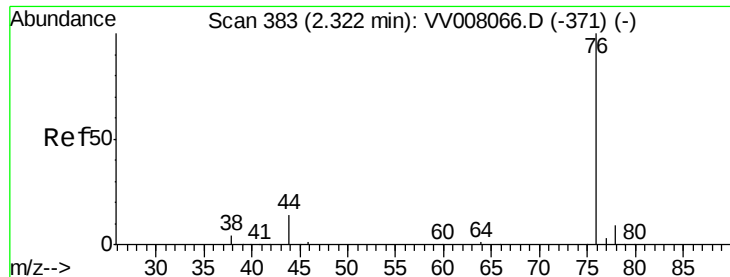
Tgt Ion: 43 Resp: 2866

Ion Ratio Lower Upper

43 100

58 20.9 0.0 62.0





#14

Carbon disulfide

Concen: 0.650 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampled :

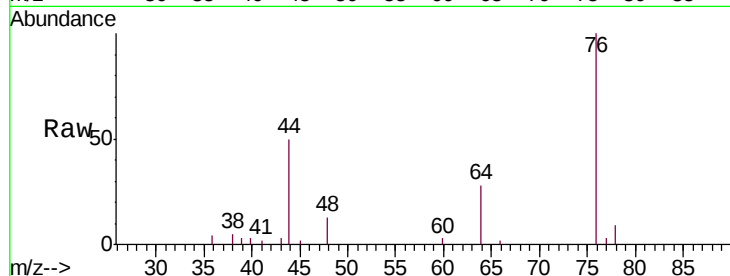
C0J83

Tgt Ion: 76 Resp: 9355

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV008081.D (-290) (-)

Ion 78.00 (77.70 to 78.70): VV008081.D (-290) (-)

2.32

6000

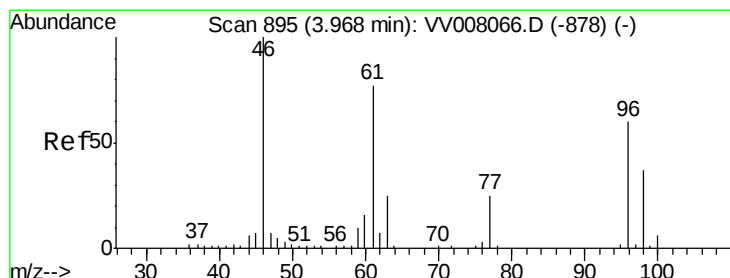
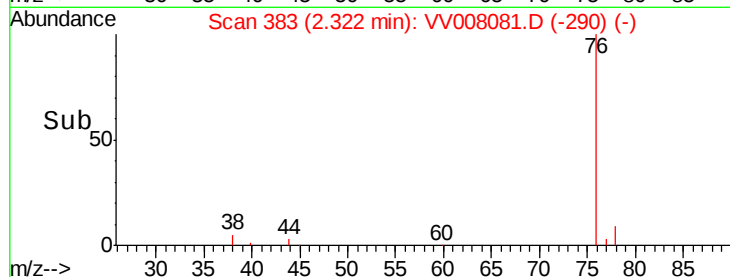
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#22

cis-1,2-Dichloroethene

Concen: 0.254 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

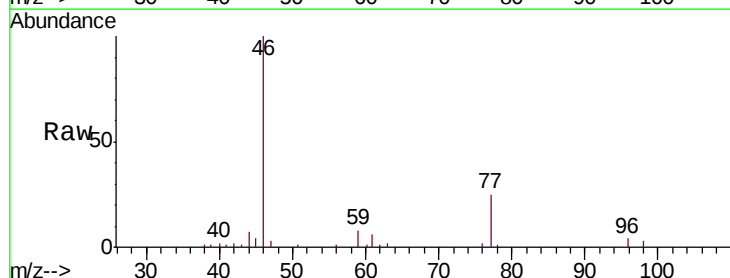
Tgt Ion: 96 Resp: 1507

Ion Ratio Lower Upper

96 100

61 138.9 89.5 166.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008081.D (-802) (-)

Ion 61.05 (60.75 to 61.75): VV008081.D (-802) (-)

Ion 68.15 (67.85 to 68.85): VV008081.D (-802) (-)

1200

1000

800

600

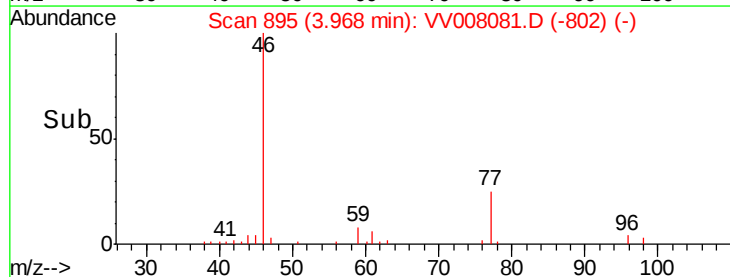
400

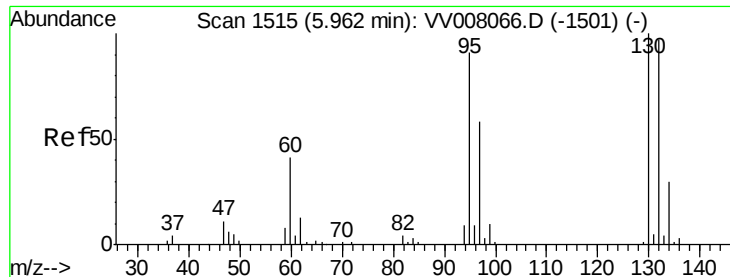
200

0

Time-->

3.90 3.95 4.00





#34

Trichloroethene

Concen: 4.008 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

C0J83

Tgt Ion: 95 Resp: 25475

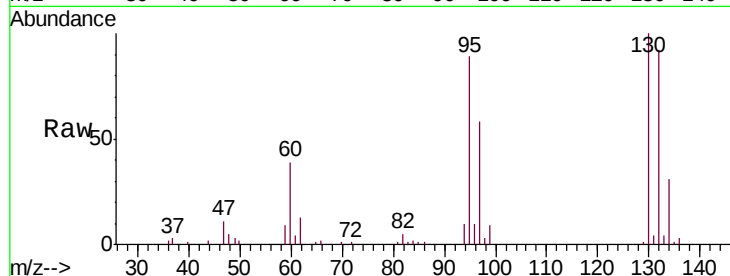
Ion Ratio Lower Upper

95 100

97 65.5 43.6 81.0

132 103.3 69.9 129.9

130 112.1 71.7 133.3

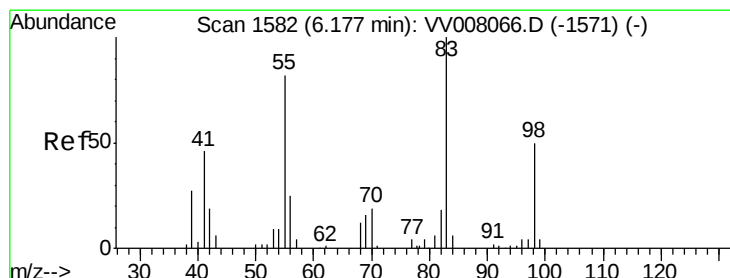
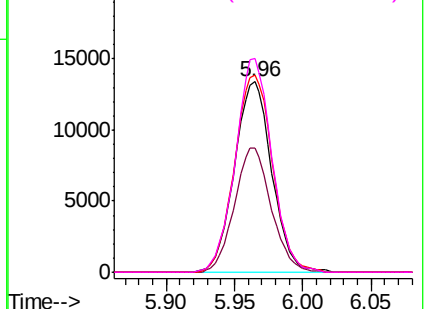
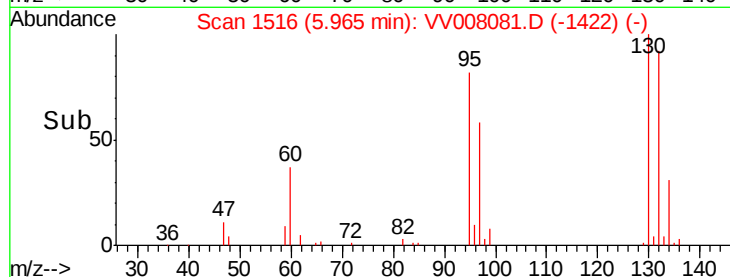


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.749 ug/L

RT: 6.13 min Scan# 1567

Delta R.T. -0.05 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

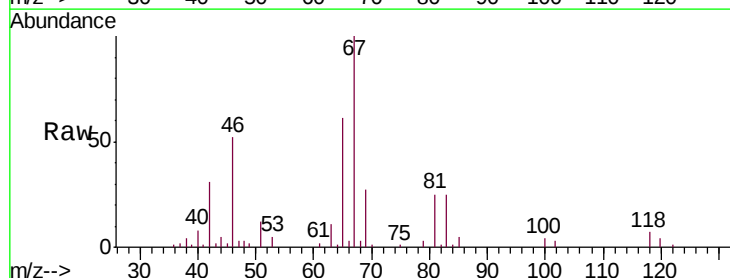
Tgt Ion: 83 Resp: 7137

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

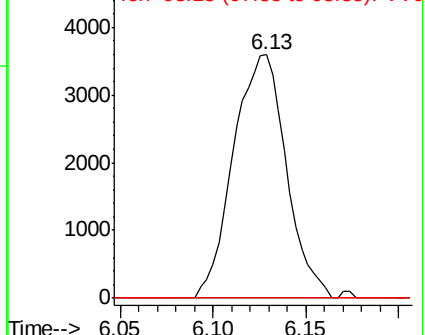
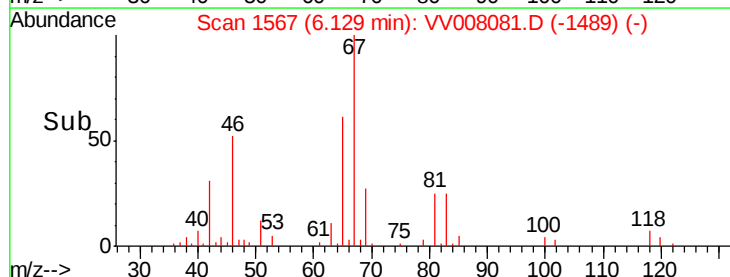
98 4.0 38.0 57.0#

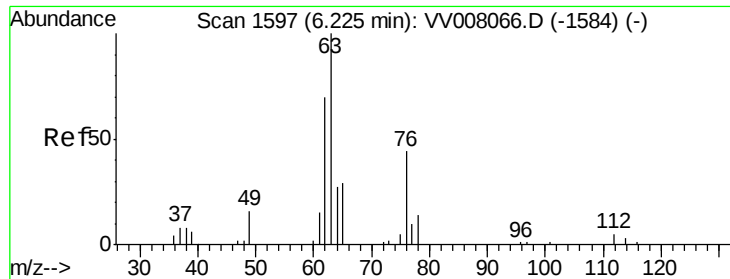


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

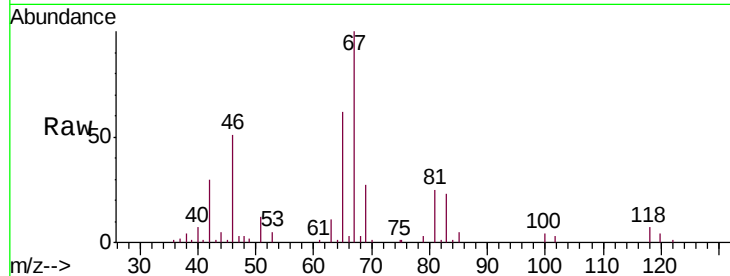
C0J83

Tgt Ion: 63 Resp: 3330

Ion Ratio Lower Upper

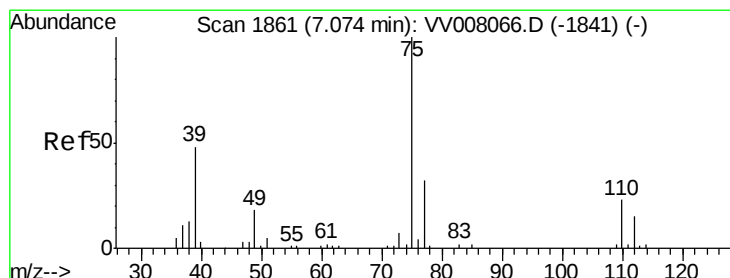
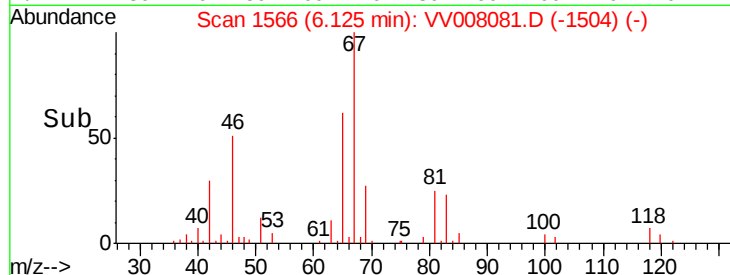
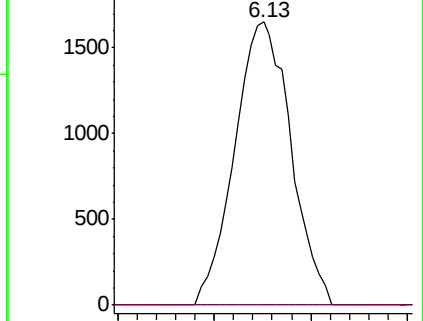
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV008066.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008066.D (-1584) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008081.D

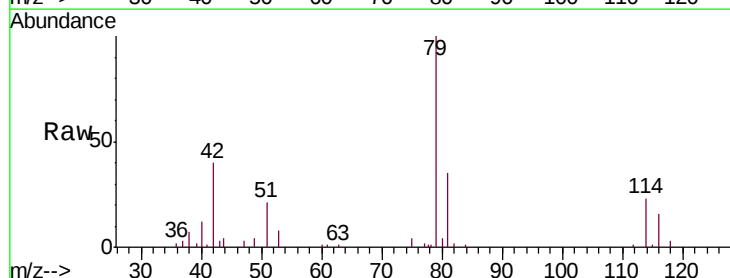
Acq: 05 Oct 2018 00:14

Tgt Ion: 75 Resp: 687

Ion Ratio Lower Upper

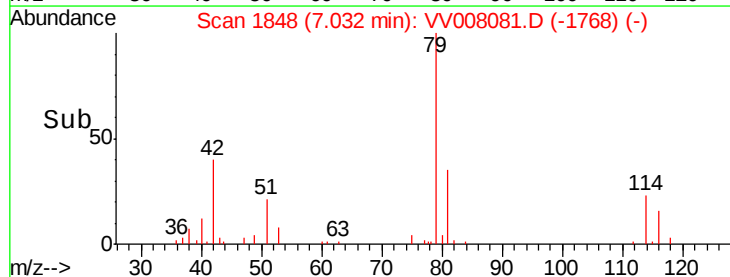
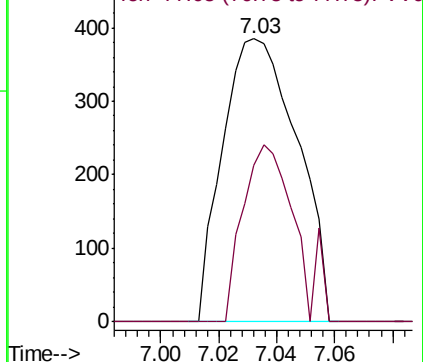
75 100

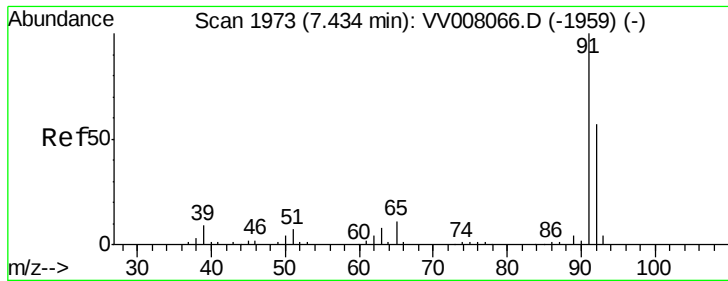
77 55.3 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008066.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV008066.D (-1841) (-)





#42

Toluene

Concen: 0.107 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

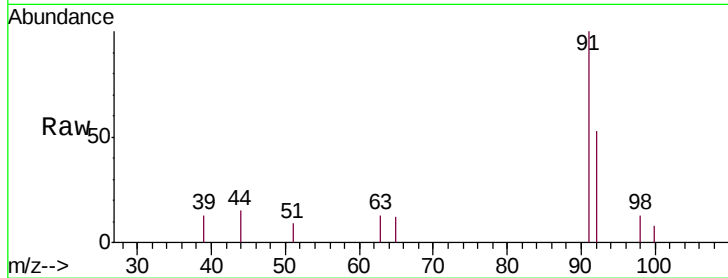
C0J83

Tgt Ion: 91 Resp: 2585

Ion Ratio Lower Upper

91 100

92 53.4 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV008066.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV008066.D (-1959) (-)

7.43

1500

1000

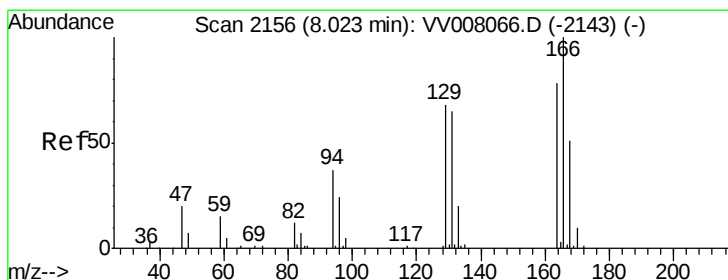
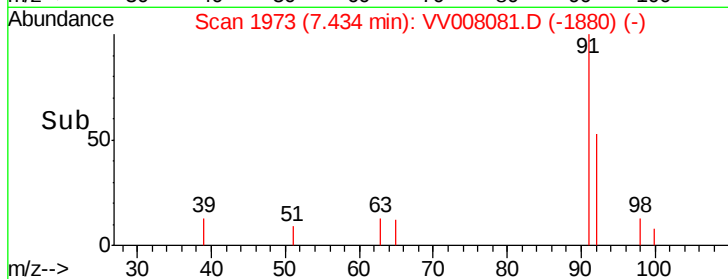
500

0

7.40

7.45

Time-->



#47

Tetrachloroethene

Concen: 4.214 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Tgt Ion: 164 Resp: 24816

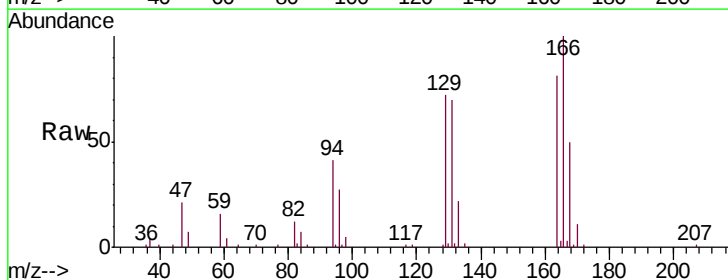
Ion Ratio Lower Upper

164 100

129 88.3 59.2 110.0

131 86.8 57.1 106.1

166 123.5 88.6 164.6



Abundance Ion 163.90 (163.60 to 164.60): VV008066.D (-2143) (-)

Ion 128.95 (128.65 to 129.65): VV008066.D (-2143) (-)

Ion 130.95 (130.65 to 131.65): VV008066.D (-2143) (-)

Ion 165.90 (165.60 to 166.60): VV008066.D (-2143) (-)

25000

20000

15000

10000

5000

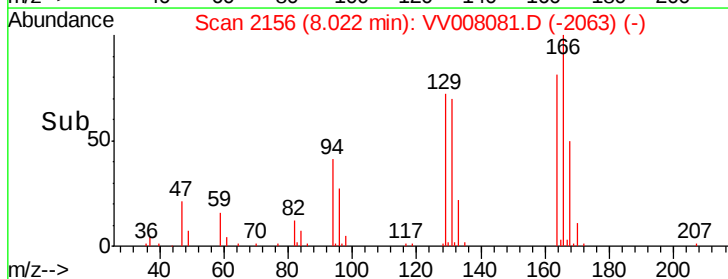
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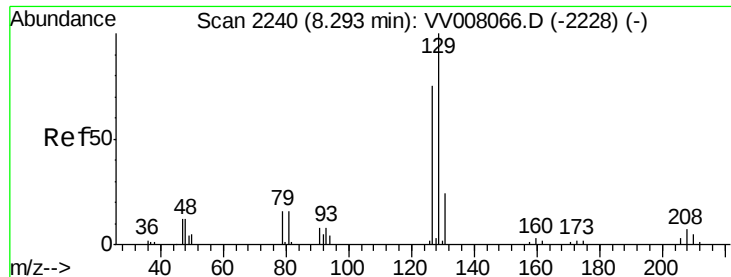
7.95

8.00

8.05

Time-->





#49

Dibromochloromethane

Concen: 4.447 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

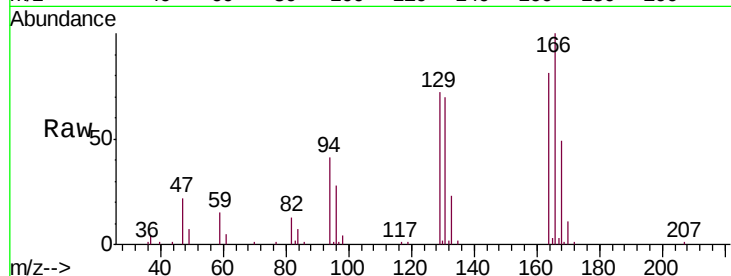
C0J83

Tgt Ion:129 Resp: 20774

Ion Ratio Lower Upper

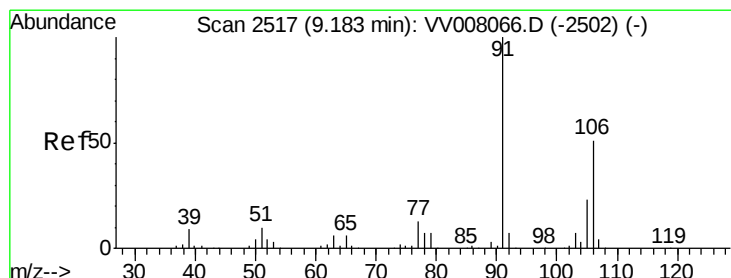
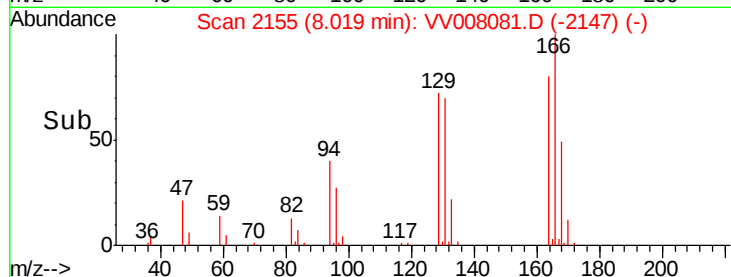
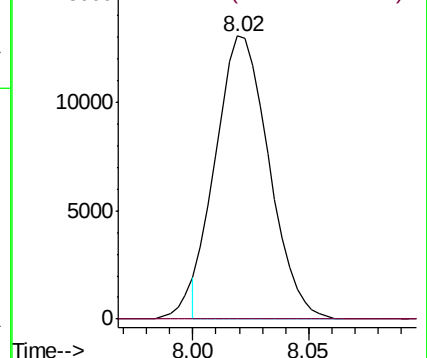
129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#53

m,p-xylene

Concen: 0.123 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV008081.D

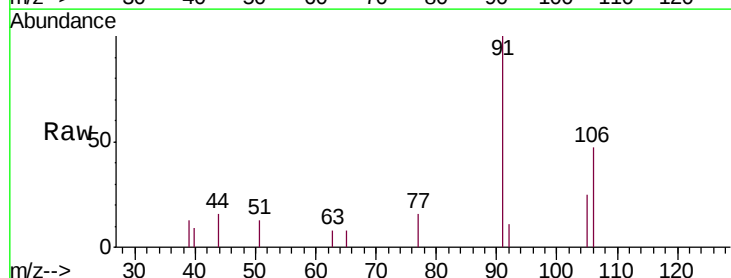
Acq: 05 Oct 2018 00:14

Tgt Ion:106 Resp: 1260

Ion Ratio Lower Upper

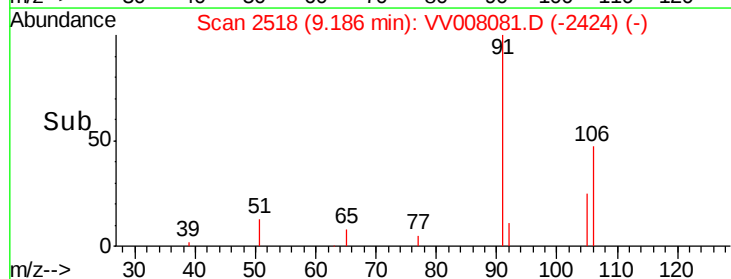
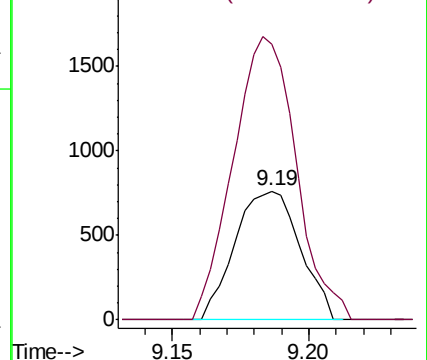
106 100

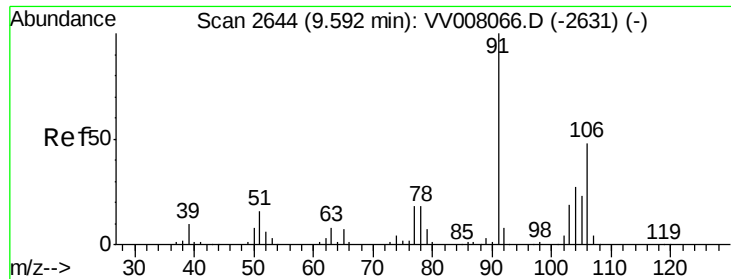
91 214.0 139.4 258.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#54
 o-xylene
 Concen: 0.089 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. -0.00 min
 Lab File: VV008081.D
 Acq: 05 Oct 2018 00:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J83

Tgt Ion:106 Resp: 879
 Ion Ratio Lower Upper
 106 100
 91 213.4 150.1 278.9

